

# TRAVEL GRANT REPORT

EMBO Workshop on Bacterial Morphogenesis, Survival and Virulence: Dynamic Genomes & Envelopes

Goa, India. From 6th to 10th February 2023

Bacterial signaling

Author of report

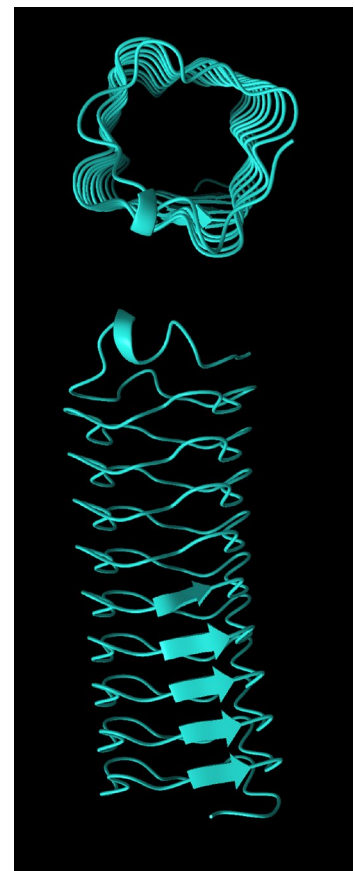
Jordan Costafrolaz

Affiliation of author

University of Geneva

This conference was an amazing opportunity to present my work, related to a new signaling pathway in the bacterium *Caulobacter crescentus*. I presented a poster of my latest research on a protein sensing environmental stress as osmotic shock, dangerous metals or pH drops and triggering defense mechanisms. Many excellent researchers were also present, and I could assist to many fascinating talks in particular about bacterial signaling, outer membrane structure and protein interactions. Those topics are directly related to my own investigations, allowing me to have a direct access to the latest progress and discoveries. This conference allowed me to directly talk to many of the top scientific of my research field as Martin Thanbichler, Juan Hermoso, Thomas Bernardt and Kathrin Froehlich. This was a perfect opportunity to detect potential flaws in my data and exchanging new ideas and research angles to pursue my experiments. Overall, it was a stimulating exchange between bacterial specialist, a good way to meet new people and potential collaborators.

The BMSV 2023 has been a wonderful opportunity to developpe my scientific knowledge and will remain an important key point of my career.



3D modelling of the PerA protein  
(Top and side viw)